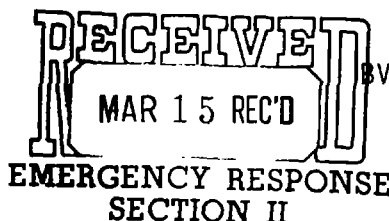




BLACK & VEATCH  
SPECIAL PROJECTS CORP.

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USEPA  
Allied Iron & Steel SSI  
USEPA ID No. ILD 980 259 014



BVSPC Project 70840  
BVSPC File C.4  
March 13, 1996

Mr. Thomas Crause  
Illinois Environmental Protection Agency  
2200 Churchill Road  
Springfield, Illinois 62706

Subject: Revised PREscore and Site  
Priority Recommendation

Dear Mr. Crause:

Late last year a Screening Site Inspection was completed for a site with targets similar to those identified for the Allied Iron & Steel site; however, the Hazard Ranking System score for each site was significantly different. Allied scored well above 28.5 and was given a high priority recommendation for further investigation. The February 27, 1995, draft Allied PREscore was reviewed and three errors were detected: one in the groundwater pathway and two in the surface water pathway.

In the groundwater pathway, net precipitation was incorrectly entered as 3 inches per year. Figure 3-2 of the HRS Final Rule shows the site to be in a region assigned a net precipitation factor value of 3. Correctly entering the unitless value of 3 to the net precipitation factor causes the groundwater pathway to increase by 2.42, to 52.02.

Observed releases documented in sediment samples ST02, ST03 and ST04 were recorded as occurring at the probable point of entry (PPE) into the in-water segment of the surface water pathway. This resulted in Level II contamination in all three components (drinking water, human food chain and sensitive environments) of the surface water pathway. All three of these sediment sample locations are in the overland flow segment of the surface water pathway, upgradient of the PPE. One sediment sample was collected from the in-water segment (Kickapoo Creek) at location ST05, approximately 100 feet downstream of the PPE. Analysis of the ST05 sample did not establish an observed release to the in-water segment. Therefore, data from the analysis of the ST02, ST03 and ST04 samples has been deleted from the PREscore, reducing the surface water pathway score 100.00 to 4.58.

The revisions to the groundwater and surface water pathways cause the overall score to drop from 56.39 to 26.17.

EPA Region 5 Records Ctr.



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Mr. Thomas Crause

BVSPC Project 70840  
March 13, 1996

Four sensitive environment target values were incorrectly entered as wetlands frontage. These target values are now assigned to the correct surface water pathway target factor with no change to the surface water pathway or overall score.

Ms. Sonia Vega, U.S. Environmental Protection Agency Work Assignment Manager, has reviewed the revised PREscore and recommendation and requested we transmit copies to you for review. Please review the enclosed documents. If Ms. Vega does not receive Illinois Environmental Protection Agency comments by March 25, 1996, the original draft report and revised PREscore and site priority recommendation will be made final.

Enclosed is a revised draft PREscore dated February 28, 1996. This PREscore shows an overall score of 26.17.

Also enclosed is a revised site priority recommendation. Because the score is now below 28.50, the recommendation has been revised from a high priority to low priority for further investigation.

Please call me at 312/683-7832 if you have any questions.

Very truly yours,  
BLACK & VEATCH Special Projects Corp.

  
John P. Chitwood

JC  
Enclosures

cc: ~~S. Vega~~, USEPA w/o enclosures  
R. McAvoy, BVSPC w/o enclosures